Index of Claims

| Application No. | Applicant(s) | |
|-----------------|------------------|--|
| 10/603,723 | WUMPELMANN ET AL | |
| Examiner | Art Unit | |
| Rosanne Kosson | 1651 | |

| √ | Rejected | | - | (Through numeral) Cancelled | | | | | | | |
|----------|----------|---|---|--------------------------------|--|--|--|--|--|--|--|
| = | Allowed | ٠ | ÷ | Restricted | | | | | | | |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| Cla | im | | | | | Date | = | | | | Cla | aim | | | | Ċ | ate | | | | | [| Cla | aim | | | | Dat | е | | |
|------------------------|----------|----------------|--------------|----------|--------------|--------------|--|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|--------------|----------|-----------|----------|----------|---|-------|------------|----------|--------------|-----------|----------|--------------|----------|-----------------|
| Final | Original | 11/9/04 | | | | | | | | | Final | Original | | | | | | | | | | | Final | Original | | | | | | | |
| - | 1 | ٧, | | | | | | \dashv | \dashv | \dashv | | 51 | \vdash | \dashv | | \dashv | | \dashv | 7 | _ | \dashv | ŀ | | 101 | + | + | t | \vdash | \vdash | \vdash | \dashv |
| | 2 | i | П | | | | | | \dashv | ┪ | | 52 | | | 7 | _ | | | | | _ | | | 102 | \top | T | 1 | ✝ | | \Box | |
| | 3 | П | | | | | | | \exists | 7 | | 53 | | | | \Box | | | | | | | | 103 | | | | | | | \Box |
| | 4 | П | | | | | | | | | | 54 | | | | | | | | | | [| | 104 | | | | \prod | | | |
| | 5 | Ш | | | | | | | | | | 55 | | | _ | | | | | | | | | 105 | | | | | _ | | |
| | 6 | Ш | | | | | | | | _ | | 56 57 | | | _ | _ | | _ | | _ | | | | 106 | | | ┖ | ╙ | $oxed{oxed}$ | Щ | _ |
| | 7 | Ш | | | | | | | _ | | | 57 | Ш | _ | _ | | _ | _ | | | | | | 107 | | 1_ | <u> </u> | _ | ļ | | _ |
| | 8 | Ш | | | <u> </u> | | | | _ | | | 58 | | _ | _ | | | _ | _ | _ | | | | 108 | | ╁┈ | - | | | | 4 |
| | 9 | | - | | <u> </u> | _ | _ | \dashv | - | | | 59 | \vdash | | | | | | _ | \dashv | _ | | | 109 110 | | Ł | ╀ | + | \vdash | Н | ₽ |
| \vdash | 10 | - | Н | | ⊨ | <u> </u> | <u> </u> | | -+ | _ | | 60 61 | | | -1 | | \dashv | | - | | | | | 111 | + | + | ╁ | ┿ | + | \vdash | ┝ |
| \vdash | 11 12 | + | | | | - | _ | | - | \dashv | | 62 | | \dashv | \dashv | - | \dashv | | \dashv | | | | - | 112 | + | + | ╁ | +- | ╁╌ | - | ┢┷┼ |
| \vdash | 13 | J. | | | | - | | \dashv | \dashv | \dashv | | 63 | \vdash | ᅱ | ᅱ | \dashv | - | - | - | | \dashv | | | 113 | | + | ╁ | + | + | \vdash | \vdash |
| \vdash | 14 | 4 . | Н | | | \vdash | | \vdash | \dashv | \dashv | | 64 | H | \dashv | | | | \dashv | \dashv | \dashv | \dashv | | | 114 | + | + | + | + | + | | - |
| \vdash | 15 | , | | | | | - | | | _ | | 65 | \vdash | \dashv | _ | - | | | 一 | T | \dashv | | | 115 | _ | T | t | | \vdash | | |
| | 16 | H | | | - | | | \Box | \neg | _ | | 66 | Н | _ | | | | 一 | 一 | \neg | | | | 116 | 1 | T | T | 1 | † | | \sqcap |
| | 17 | | | | \vdash | | | \Box | _ | | | 67 | | | | ヿ | | \neg | | | \neg | | | 117 | \neg | 1 | T | | | П | П |
| | 18 | | | | _ | | | | | | | 68 | | | | | | | | | | | | 118 | | | | Ι | | | |
| | 19 | | | | | | | | | | | 69 | | | | | | | | | | | | 119 | | | | | | | |
| | 20 | | | | | | | | | | | 70 | | | | | | \Box | \Box | _ | | | | 120 | \perp | \perp | | | | | Ш |
| | 21 | | | | L | | | | | _ | | 71 | | | _ | _ | | | | _ | | | | 121 | | \downarrow | 1 | _ | | | Ш |
| | 22 | | | | | | | Ш | _ | _ | | 72 | Ш | | | | | _ | | _ | | | | 122 | \perp | \perp | 1 | 1 | \perp | Щ | |
| | 23 | Ļ | | | | | <u> </u> | | _ | _ | | 73 | Ш | | _ | | | \dashv | _ | | _ | | | 123 | - - | 1_ | 1 | +- | ╄ | L | 1—1 |
| | 24 | <u> </u> | <u> </u> | | <u> </u> | _ | | \square | | | | 74 | Н | _ | | | \dashv | \dashv | \dashv | | | | | 124 | + | 1 | - | + | ┼ | \vdash | |
| $\vdash \vdash \vdash$ | 25 | ļ | | | <u> </u> | | _ | | - | _ | - | 75 | | | _ | _ | | | | | _ | | | 125 126 | | +- | ╀ | - | ┼ | | \dashv |
| \vdash | 26 | <u> </u> - | _ | - | <u> </u> | _ | ┢ | Н | | \dashv | - | 76 77 | - | | \dashv | _ | \dashv | | | | | | | 127 | | +- | +- | +- | +- | | \vdash |
| \vdash | 27 28 | ├ | | _ | \vdash | | | - | \dashv | - | - | 78 | | | \dashv | - | | - | _ | \dashv | - | | | 128 | | +- | ╁ | ┿ | | Н | \vdash |
| \vdash | 29 | - | - | - | \vdash | | | - | \dashv | \dashv | <u> </u> | 79 | Н | | \dashv | \dashv | - | | | | | | | 129 | | + | ╁ | +- | ╁ | \vdash | \vdash |
| | 30 | ┢ | - | - | - | | ┢ | Н | \dashv | \dashv | | 80 | Н | - | \dashv | | \dashv | - | - | | \dashv | | | 130 | + | + | + | + | ╁ | Н | - |
| \vdash | 31 | Ι. | - | | - | | | \vdash | -+ | - | - | 81 | \vdash | | - | | \neg | \neg | | | | | | 131 | _ | + | 1 | +- | + | - | |
| | 32 | \vdash | - | | | | | | -+ | \dashv | | 82 | \vdash | | \neg | | \neg | | | | | | | 132 | 1 | \top | T | T | | | |
| | 33 | Г | _ | | Т | \vdash | ┢ | | \dashv | \dashv | | 83 | | | 一 | | | | | | | | | 133 | \top | 1 | T | T | \top | П | |
| | 34 | | | | | Г | - | | \neg | 7 | | 84 | | | | | | | | | | | | 134 | \top | T | T | | | | |
| | 35 | | | | | | Ĺ | | | | | 85 | | | | | | | | | | | | 135 | | L | Γ | | L | | |
| | 36 | | | | | | | | | | | 86 | | | | | | | | | | | | 136 | | | I | | | | |
| | 37 | | | | | | | | \Box | | | 87 | Ш | | | | | | | | | | | 137 | \perp | | | | \perp | Ш | |
| | 38 | Ĺ | L | | L | <u> </u> | _ | Ш | | | L | 88 | Ш | | _ | | | | \Box | | | | | 138 139 | | 4_ | 1 | _ | 1_ | Ш | |
| | 39 | _ | Ш | <u> </u> | L_ | <u>L</u> | L | Ш | _ | _ | | 89 | Ш | I | _ | | Ш | _ | \sqcup | | | | | 139 | _ | 1 | 1 | \perp | - | 1_ | \sqcup |
| \sqcup | 40 | <u> </u> | | L | | | <u> </u> | Ш | | _ | | 90 | Ш | \sqcup | | | | | \square | Щ | | | | 140 | | 4 | 1 | - | +- | \vdash | $\vdash \vdash$ |
| \vdash | 41 | <u> </u> | | L | _ | <u> </u> | 1 | - | _ | \dashv | <u> </u> | 91 | - | | _ | _ | | - | _ | \dashv | _ | | | 141 | | +- | + | + | + | \vdash | |
| | 42 | \vdash | | <u> </u> | ⊢ | | - | \vdash | \dashv | \dashv | - | 92 | \vdash | Н | \dashv | _ | - | - | | - | _ | | | 142 | | + | + | + | + | \vdash | $\vdash \vdash$ |
| | 43 | - | \vdash | \vdash | - | | - | \vdash | \dashv | \dashv | <u> </u> | 93 94 | | | | | \vdash | | \dashv | \vdash | | | | 143 144 | + | +- | ╁ | +- | +- | \vdash | $\vdash \vdash$ |
| \vdash | 44 45 | ┢ | \vdash | - | - | \vdash | \vdash | \vdash | \dashv | | | 95 | \vdash | \vdash | \dashv | | \dashv | \dashv | \vdash | | | | | 144 | + | + | + | ╁ | + | \vdash | H |
| | 46 | ╁ | | _ | \vdash | | - | | | \dashv | - | 96 | \vdash | | | _ | | - | - | \dashv | | | | 146 | - - | + | +- | +- | + | \vdash | \vdash |
| | 47 | \vdash | | \vdash | \vdash | \vdash | \vdash | H | \dashv | \dashv | | 97 | \vdash | \vdash | | _ | | | | \vdash | | | | 147 | | $^{+}$ | + | +- | \vdash | \vdash | \vdash |
| \vdash | 48 | | \vdash | H | | | | \vdash | \dashv | \dashv | | 98 | \vdash | Н | | | \vdash | \neg | \dashv | \vdash | | | | 148 | + | 十 | t | \top | T | \vdash | \vdash |
| | 49 | H | 1- | \vdash | \vdash | \vdash | | H | \dashv | \dashv | | 99 | \vdash | Н | | | - | | Н | | | | | 149 | \dashv | T | \dagger | T | 1 | | \vdash |
| | 50 | t | Г | | T | \vdash | \vdash | | \Box | \dashv | | 100 | \vdash | | | | | | | | | | | 150 | \neg | 1 | T | \top | T | | \Box |
| | | | | | | | | | | | | | | | | _ | | | | | | • | | | | **** | | | | | |